

New York City Epidemiologic & Health Surveillance

Mayor's Office of Emergency Management
New York City

Rudolph Giuliani, *Mayor*

Richard Sheirer, *Director*

Plan Activation

Credible Threat

Determination

Diagnosis

Discovery

Credible Threat

- Crisis Management

The higher the credibility or the larger the threat, the greater the need for early consequence management

Discovery

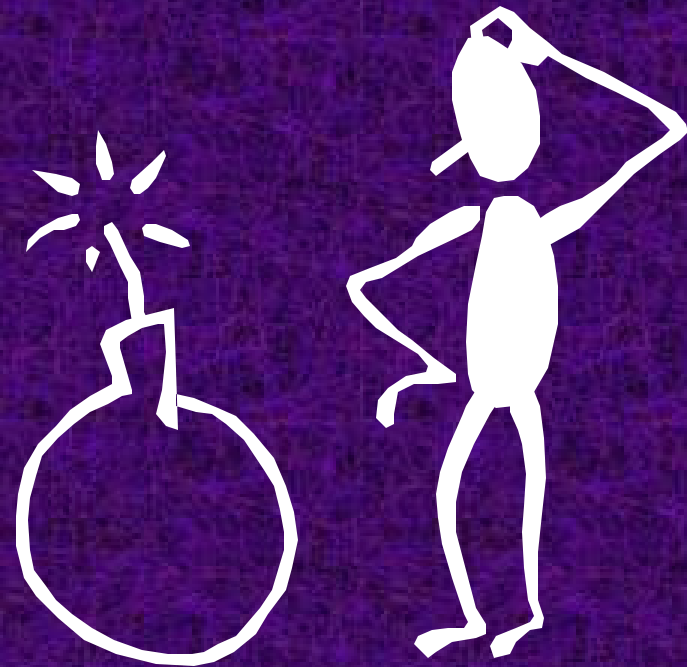
- Site-specific
 - The clandestine laboratory or “Anthrax letters”
- HazMat response
 - *teams need to be trained for bio response*
 - *Bio¹ Chem*

Diagnosis

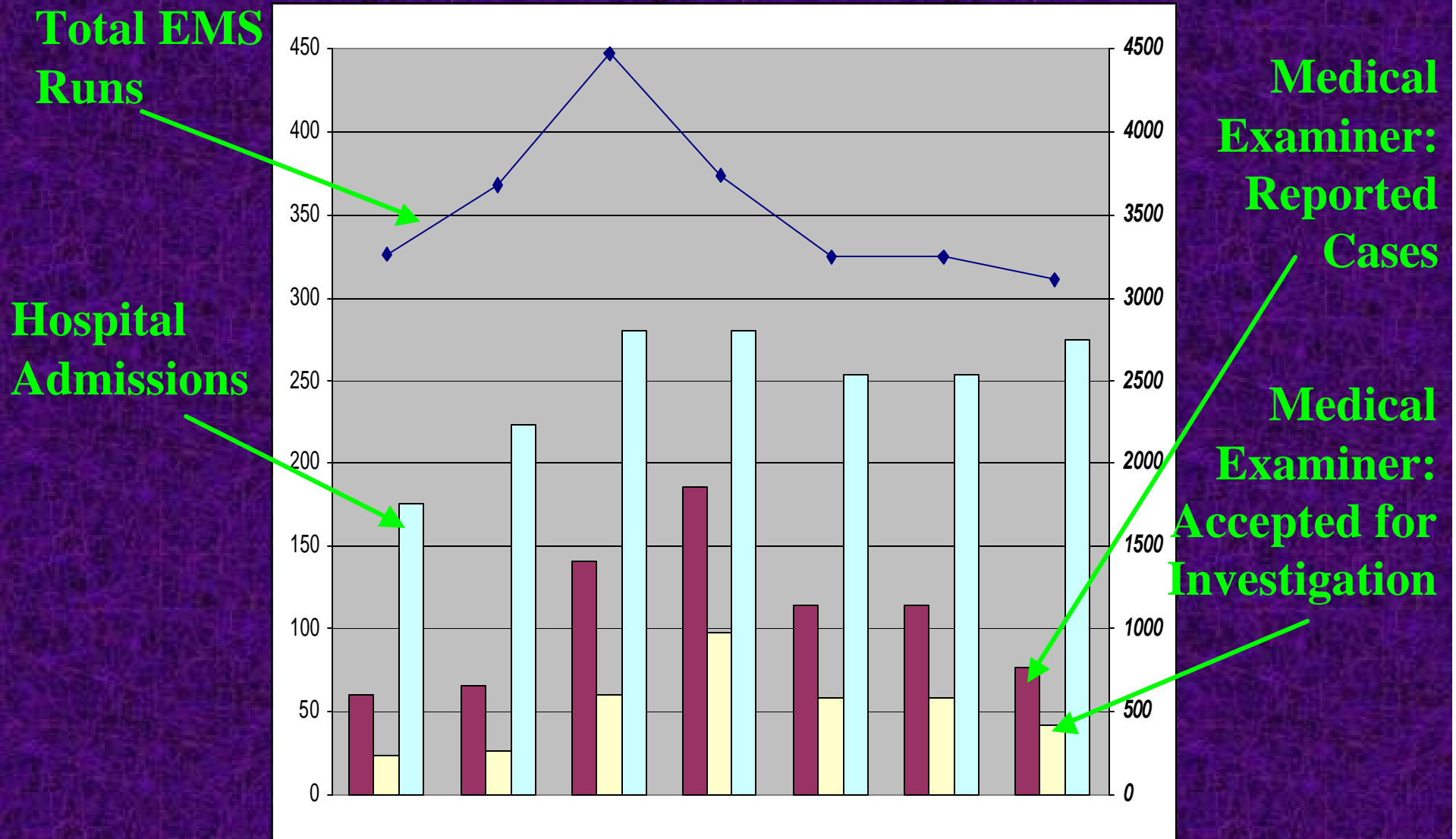
- The individual clinician treating the single patient
- Training-driven
 - remember the zebras!
- Passive process
 - no active surveillance of through providers

Determination

*Early
recognition is
the key to a
successful
response*



Citywide Daily Health Indicators



Surveillance

The City's health surveillance also includes:

- General Surveillance
- Influenza-Like Illness
 - sentinel nursing homes
 - laboratories

Surveillance

- Diarrheal Illness
 - sentinel nursing homes
 - OTC antidiarrheals
 - laboratories
- Unexplained Deaths

Surveillance Enhancements

Last Year

- Enhanced EMS reporting
 - by call-type and borough
 - retrospective validation with 9 years of data
- Increased number of hospitals

Future

- Real-time EMS monitoring with “intelligent agent”
- Increased number of hospitals
- Increased specificity of hospital data

West Nile Virus

Recognition

Normal reporting
procedure

Response

Previously
established
Relationships!

Conclusions

- Early recognition is the key to a successful response
- Build the relationships ASAP!



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